MSIL

LT AIREAL BUCNCHED CABLES (ALL INSULATED)

S.No.	Phase / Messenger – cum neutral	Price per meter (Rs.)
1	16 x 2 + 1 x 25	57.00
2	25 x 2 + 1 x 25	98.50
3	16 x 3 + 1 x 16 + 1 x 25	110.00

The above prices are inclusive of Excise Duty / local VAT.

We are attaching the GTPs along with necessary catalogues.

IT IS VERY, VERY IMPORTANT THAT EXCISE DUTY GATE PASS WILL BE PROVIDED ALONG WITH THE MATERIALS. THE ORIGINAL GATE PASS WILL SHOW THE GENUINESS OF THE PRODUCT.

The delivery of material within 10 days after getting your order.

We hope you will find our above prices quite reasonable and acceptable to you and are looking forward to receive your valued order at the earliest.

Thanking you,

Yours faithfully

for **Mysore Sales International Ltd.,**

(A M CHANDRAPPA)

GENERAL MANAGER-IP/CPD

AEE (Elec.)

Ref: IP/CPD/2012-13/301

MSIL
ಮೈಸೂರು ಸೇಲ್ಸ್ ಇಂಟರ್‌ನ್ಯಾಷನಲ್ ಲಿಮಿಟೆಡ್
Mysore Sales International Limited
MSIL House, 36, Cunningham Road
Bangalore-560 052
Phone : 91 80 22264021 - 25
Email : msilho@gmail.com
Email : msilho@vsnl.com
Website : www.msilonline.com

Preventive measures to protect human life's by using high quality Electrical Cables & wires.

Mysore Sales International Limited, are a premier government of Karnataka undertaking. As you are aware, MSIL has entrenched marketing network and infrastructure with a network of offices all over Karnataka as well as some important locations in the country.

You will agree that every day morning all of us wake up with some or other shocking news, particularly, fire tragedies in various parts of Karnataka. A close study reveals that, 95% cause of these fire tragedies is attributed to the **"dangerous short circuits".** Therefore, it has become a matter of great concern for all of us to think positively to prevent occurrence of such heartbreaking calamities wherein many innocent people die besides losses of properties, goods, damage to major installations costing crores of rupees to the state government.

MSIL's site survey over these tragedies has already proved beyond doubts that "**only short circuits are the main reason**" since it involves usage of inferior quality of wires and cables. With this background, MSIL is expanding their market share and have chosen a segment namely **"powers especially wires & cables".**

It is observed that cable gets heated at many sites. The reason being that either the supplier uses recycled raw materials or does not design properly, hence it triggers fire. In view of this, for the last 3 years, **MSIL** has been experimenting in this direction and from the point of supplying quality material to government bodies based on the techno-commercial study, MSIL is tied up with a reputed cable manufacturing company namely "M/s. **SBEE** Cables (India) Limited" Bangalore, as their business partner. M/s. SBEE cables (India) Limited manufacture power and control cables, **LT PVC cables, LT XLPE cables, LT control cables ,LT ABC** cables, all types of lead wires, domestic, industrial cables and customer specification cable as well.

MSIL deputes their few engineers to check raw material stage to finished goods. After entire satisfaction for **MSIL,** they allow to dispatch the cables to the end client.

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After long experiments, wires and cables being supplied through **MSIL** are properly tested in terms of quality, longevity and conforming to the specifications along with a **guarantee period of 5 years.** During these 5 years, if any manufacturing defect in the supplies is detected, such supplies shall be replaced immediately by **MSIL "free of cost".**

We also know very well that your state requires **wires and cables** on regular basis and in large quantities for your project and maintenance as well. If any state is interested to buy a quality product with long guarantee period, **MSIL** is ready to work the way of transparency and in accordance with **"ieema"**s formula.

With this mutual supply understanding, we are very confident that both the organizations would benefit, besides **enjoying 5 years' guarantee** as **against 1 year** which is being offered by others.

Thanking you,

Yours faithfully,
for **Mysore Sales International Ltd.,**

AEE (Elec.)

(A. M. CHANDRAPPA)
GENERAL MANAGER

SBEE CABLES (INDIA) LIMITED
Regd. Off. & Works : # 29, J.C.W. Industrial Estate,
Kanakapura Road, Bangalore - 560 062. (INDIA)
Phone : 080-2666 2172, 2686 0166 Fax : 080-2666 7339
E-mail : info@sbeecables.in / web : www.sbeecables.in

GUARANTEED TECHNICAL PARTICULARS

DESCRIPTION: 3 X 16 + 1 X 16 + 1 X 25 SQ.MM LT 1.1 KV ALL UV XLPE GRADE INSULATED AERIAL BUNCHED CABLE

SLNO	PARTICULARS	UNITS	STANDARD
1	MAKE		MAKE SBEE CABLES
2	TEST ON PHASE CONDUCTOR		
	a) No.of Strands	nos	7
	b) Dia of strand	mm	1.71±0.003
	c) Tensile test	N/mm²	106 (Min)
	d) Wrapping test		Should not break
	e) Conductor resistance	Ω/km	Less than 1.91
3	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	7.8 (Max)
4	TEST ON INSULATION (IS-14255-1995)		
	a) Volume of Resistivity at		
	27°C	Ohm-Cm	2×10^{13}
	90°C	Ohm-Cm	2×10^{10}
5	TEST ON MESSENGER CONDUCTOR		
	a) No.of Strands	nos	7
	b) Dia of strand	mm	2.14±0.003
	c) Breaking Load	KN	7 (Minimum)
	d) Elongation at break	%	6 (Minimum)
	e) Resistance test		Less than 1.38
	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	9.4 (Max)
6	TEST ON STREET LIGHT CONDUCTOR		
	a) No.of Strands	nos	7
	b) Dia of strand	mm	1.71±0.003
	c) Tensile test	N/mm²	106 (Min)
	d) Wrapping test		Should not break
	e) Conductor resistance	Ω/km	Less than 1.91
	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	7.8 (Max)
7	PHYSICAL TEST ON INSULATION (IS-14255-1995)		
	Type of insulation		
	a) Without ageing after hot water 90°C curing		
	Tensile Strength after curing	N/mm²	12.5 (Minimum)
	Elongation after curing	%	200 (Minimum)
	b) After ageing in Air oven after hot water 90°C curing		
	Tensile Strength after curing		
	Variation	%	±25 (Max)
	Elongation after curing		
	Variation	%	±25 (Max)
	c) Shrinkage test after hot water 90°C curing	%	2 (Maximum)
	d) Hot set test after hot water 90°C curing		
	Hot Elongation under load after curing	%	Less than 165
	Permanent elongation after curing	%	Less than 12
	e) Bending test		No Singns of cracks
8	ELECTRICALS TESTS		
	High voltage test at room temp	4 kv (rms) for 5 minutes for each connection	Withstand

IMPORTANT NOTE:-
For a good quality LT AB Cables customer shall encorpate the above technical Specification.
It is essential that all UV XLPE Grade insulated cable shall be crosslinked in hot water at 90°C for 6 to 8 hours, to get the above property. Steam curing is not reliable for XLPE Crosslink appliation.

SBEE (Ele.)

IS 1554-1988
IS 7098-1988
IS 14255-1995

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GUARANTEED TECHNICAL PARTICULARS

DESCRIPTION: 2 X 16 + 1 X 25 SQ.MM LT 1.1 KV ALL UV XLPE GRADE INSULATED AERIAL BUNCHED CABLE

SLNO	PARTICULARS	UNITS	STANDARD
1	MAKE		MAKE SBEE CABLES
2	TEST ON PHASE CONDUCTOR		
	a) No.of Strands	nos	7
	b) Dia of strand	mm	1.71±0.003
	c) Tensile test	N/mm²	106 (Min)
	d) Wrapping test		Should not break
	e) Conductor resistance	Ω/km	Less than 1.91
3	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	7.8 (Max)
4	TEST ON INSULATION (IS-14255-1995)		
	a) Volume of Resistivity at		
	27°C	Ohm-Cm	2×10^{13}
	90°C	Ohm-Cm	2×10^{10}
5	TEST ON MESSENGER CONDUCTOR		
	a) No.of Strands	nos	7
	b) Dia of strand	mm	2.14±0.003
	c) Breaking Load	KN	7 (Minimum)
	d) Elongation at break	%	6 (Minimum)
	e) Resistance test		Less than 1.38
	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	9.4 (Max)
6	PHYSICAL TEST ON INSULATION (IS-14255-1995)		
	Type of insulation		
	a) Without ageing after hot water 90°C curing		
	Tensile Strength after curing	N/mm²	12.5 (Minimum)
	Elongation after curing	%	200 (Minimum)
	b) After ageing in Air oven after hot water 90°C curing		
	Tensile Strength after curing		
	Variation	%	±25 (Max)
	Elongation after curing		
	Variation	%	±25 (Max)
	c) Shrinkage test after hot water 90°C curing	%	2 (Maximum)
	d) Hot set test after hot water 90°C curing		
	Hot Elongation under load after curing	%	Less than 165
	Permanent elongation after curing	%	Less than 12
	e) Bending test		No Singns of cracks
7	ELECTRICALS TESTS		
	High voltage test at room temp	4 kv (rms) for 5 minutes for each connection	Withstand

IMPORTANT NOTE:-

For a good quality LT AB Cables customer shall encorpate the above technical Specification.
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GUARANTEED TECHNICAL PARTICULARS

DESCRIPTION: 2 X 25 + 1 X 25 SQ.MM LT 1.1 KV ALL UV XLPE GRADE INSULATED AERIAL BUNCHED CABLE

SLNO	PARTICULARS	UNITS	STANDARD
1	MAKE		MAKE SBEE CABLES
2	TEST ON PHASE CONDUCTOR		
	a) No.of Strands	nos.	7^1
	b) Dia of strand	mm	2.14 ±0.003
	c) Tensile test	N/mm²	106 (Min)
	d) Wrapping test		Should not break
	e) Conductor resistance	Ω/km	Less than 1.20
3	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	9.4 (Max)
4	TEST ON INSULATION (IS-14255-1995)		
	a) Volume of Resistivity at		
	27°C	Ohm-Cm	2×10^{13}
	90°C	Ohm-Cm	2×10^{10}
5	TEST ON MESSENGER CONDUCTOR		
	a) No.of Strands	nos	7
	b) Dia of strand	mm	2.14±0.003
	c) Breaking Load	KN	7 (Minimum)
	d) Elongation at break	%	6 (Minimum)
	e) Resistance test		Less than 1.38
	PHYSICAL DIMENSION		
	a) Thickness of insulation	mm	1.2 (Nominal)
	b) Core diameter	mm	9.4 (Max)
6	PHYSICAL TEST ON INSULATION (IS-14255-1995)		
	Type of insulation		
	a) Without ageing after hot water 90°C curing		
	Tensile Strength after curing	N/mm²	12.5 (Minimum)
	Elongation after curing	%	200 (Minimum)
	b) After ageing in Air oven after hot water 90°C curing		
	Tensile Strength after curing		
	Variation	%	±25 (Max)
	Elongation after curing		
	Variation	%	±25 (Max)
	c) Shrinkage test after hot water 90°C curing	%	2 (Maximum)
	d) Hot set test after hot water 90°C curing		
	Hot Elongation under load after curing	%	Less than 165
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7	ELECTRICALS TESTS		
	High voltage test at room temp	4 kv (rms) for 5 minutes for each connection	Withstand

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